BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Detailed Estimate for the Work of Improvements to Road and Drains at Nanjareddy's House to Dayana Collage main Road in ward No 05 Byatarayanapura Sub Division

							Estimate Cost		3000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
	For Road Surface								
	Nanjareddy House to Dyana Collage Road		1	680.00	7.00	0.30	1428.00		
							1428.00	126.36	**180442.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO 406, No. 170/ Item No. 20.18/ PWD SR 2013-14	Cum							
	Nanjareddy House to Dyana Collage Road		1	680.00	7.00	0.20	952.00		
							952.00	1121.04	**1067230.00**
	Basic Rate	1038.00							
	Area Weightage @ 8%	83.04							
	Total	**1121.04**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo- Medium Porosity MORTH chapter 5, No. 175/ Item No. 21.4/ PWD SR 2013-14	Sqm							
	Nanjareddy House to Dyana Collage Road		1	680.00	7.00		4760.00		
							4760.00	100.60	**478866.00**
	Basic Rate	93.15							
	Area Weightage @ 8%	7.45							
	Total	**100.60**							
4	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. P. No. 174/ Item No. 21.20/ PWD SR 2013-14	Cum							
	Nanjareddy House to Dyana Collage Road		1	680.00	7.00	0.025	119.00		
							119.00	9631.44	**1146141.00**
	Basic Rate	8918.00							
	Area Weightage @ 8%	713.44							
	Total	**9631.44**							
5	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1+2				**1428.00**		
							1428.00	67.32	**96133.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading	62.20							
	Total	**67.32**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For 1% Third Party Charges								30000.00
7	Miscesallaneous Charges	L/S							1188.00
								Total	3000000.00

(Rupees Thirty Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2013-14
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike
21/12/2013

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

ADMINISTRATIVELY SANCTIONED FOR Rs. 30.00 L
Rupees Thirty lakhs only
Under No other Grants

Registered as EE ( ) No 9.....9.....
Subject to conditions contained in
enclosed memo EE ( ) No .....9/....
Dt _____ Estimate A/Sanctioned
Addl Com(W) AE/ 618/13-14
dated 22.12.13 Rs 30.00 L

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction for Rs. 30-00 Lakhs
Thirty Lakhs only

6/1/13-14 Subject

6/1/13-14 Dt. 23/12/13

EE (BTP.Div.)

Superintendent Engineer

etch for the Work of Improvements to Roads and Drains at Chokkanahalli Nanjareddy House to Dayna College Main Road in Ward No. 05, Byatarayanapura Sub Division.